

10/583159

AP20 Rec'd CASE 33570-US-PCT 16 JUN 2006

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June 16, 2006  
Date of Deposit

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE PCT NATIONAL STAGE APPLICATION OF  
LUDESCHER ET AL.

INTERNATIONAL APPLICATION NO: PCT/EP2004/014646

FILED: 22 DECEMBER 2004

U.S. APPLICATION NO:

35 USC §371 DATE:

FOR: PROCESS FOR PRODUCTION OF INTERMEDIATES FOR USE IN  
CEFALOSPORIN SYNTHESIS

**MS: Amendment**  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This paper is being filed within three months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 of the international application. Therefore, no fees are required. If a fee is deemed to be required, the Commissioner is hereby authorized to charge such fee to Deposit Account No. 19-0134.

In accordance with 37 C.F.R. §1.56, applicants wish to call the Examiner's attention to the references cited on the attached form(s) PTO-1449.

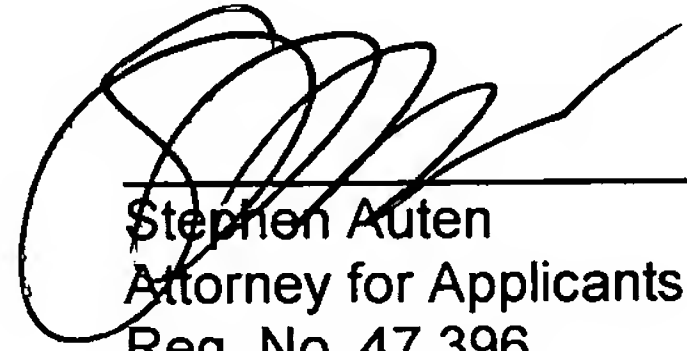
These references were cited in a search report in a corresponding application. Copies of these references and the search report are enclosed herewith.

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AP20060616 JUN 2006

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

Respectfully submitted,

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Date: June 7, 2006

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

10/583159

AP20060301PCT/PTO 16 JUN 2006  
FILING DATE Group

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	4,474,779	10/2/84	Nagano et, al.			
	AB	4,406,899	9/29/83	Aburaki et, al			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AM						<input type="checkbox"/>	<input type="checkbox"/>
	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	AR	YONG SUP LEE ET, AL.: "Synthesis and structure-activity relationships of quaternary ammonium cephalosporins with hydroxylated alicyclic or aliphatic amines" JOURNAL OF ANTIBIOTICS, Vol. 47, no.5, 1994, pages 609-612, XP008047135 Page 609-610
	AS	DONALD G. WALKER ET,AL: "Use of bistrimethylsilylated intermediates in the preparation of semisynthetic 7-amino-3-substituted-cephems. JOURNAL OF ORGANIC CHEMISTRY, Vol. 53, no. 5, 1988, pages 983-991, XP002328374, US AMERICAN CHEMICAL SOCIETY, Easton, pgs: 984-985
	AT	

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.